

10/18/01  
JC891 U.S. PTO

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PTO/SB/05 (03-01)  
Approved for use through 10/31/2002 OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **624434-001**  
First Inventor **Atchley, Frederic**  
Title **Effluent Distribution System**  
Express Mail Label No. **EL 896194109 US**

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
- ☒ Specification [Total Pages **13**]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **15**]
- ☒ Oath or Declaration [Total Pages **2**]
  - ☒ Newly executed (original or copy)
  - ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
- ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

## ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☒ Other: **Express Mail Certificate**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information.

Examiner \_\_\_\_\_

Group Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label



or

☐ Correspondence address below

Name

**29391**

PATENT & TRADEMARK OFFICE

Address

City

State

Zip Code

Country

Telephone

**(407) 926-7707**

Fax

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Name (Print/Type)

**Terry M. Sanks, Esquire**

Registration No. (Attorney/Agent)

**45,069**

Signature

Date

**October 18, 2001**

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

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# FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ ) 406.00

## Complete if Known

Application Number	Submitted Herewith
Filing Date	Submitted Herewith
First Named Inventor	Atchley, Frederic
Examiner Name	Not Yet Assigned
Group Art Unit	Not Yet Assigned
Attorney Docket No.	624434-009

## METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number   
Deposit Account Name

☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☒ Applicant claims small entity status See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
101	690	201 345	Utility filing fee
106	310	206 155	Design filing fee
107	480	207 240	Plant filing fee
108	690	208 345	Reissue filing fee
114	150	214 75	Provisional filing fee

Fee Paid

SUBTOTAL (1) (\$ ) 370.00

### 2. EXTRA CLAIM FEES

Total Claims  -20\*\* =  x  =   
Independent Claims  -3\*\* =  x  =   
Multiple Dependent  =

\*\*or number previously paid, if greater; For Reissues, see below

	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203 9	Claims in excess of 20
102	78	202 39	Independent claims in excess of 3
104	260	204 130	Multiple dependent claim, if not paid
109	78	209 39	** Reissue independent claims over original patent
110	18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 36.00

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65	Surcharge - late filing fee or oath	
127	50	227 25	Surcharge - late provisional filing fee or cover sheet	
139	130	139 130	Non-English specification	
147	2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112 920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115	110	215 55	Extension for reply within first month	
116	380	216 190	Extension for reply within second month	
117	870	217 435	Extension for reply within third month	
118	1,360	218 680	Extension for reply within fourth month	
128	1,850	228 925	Extension for reply within fifth month	
119	300	219 150	Notice of Appeal	
120	300	220 150	Filing a brief in support of an appeal	
121	260	221 130	Request for oral hearing	
138	1,510	138 1,510	Petition to institute a public use proceeding	
140	110	240 55	Petition to revive - unavoidable	
141	1,210	241 605	Petition to revive - unintentional	
142	1,210	242 605	Utility issue fee (or reissue)	
143	430	243 215	Design issue fee	
144	580	244 290	Plant issue fee	
122	130	122 130	Petitions to the Commissioner	
123	50	123 50	Petitions related to provisional applications	
126	240	126 240	Submission of Information Disclosure Stmt	
581	40	581 40	Recording each patent assignment per property (times number of properties)	
146	690	246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	690	249 345	For each additional invention to be examined (37 CFR § 1.129(b))	
179	690	279 345	Request for Continued Examination (RCE)	
169	900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 0.00

## SUBMITTED BY

Name (Print/Type) Terry M. Sanks, Esquire

Signature 

Registration No. (Attorney/Agent) 45,069

Complete (if applicable)

Telephone (407) 926-7707

Date October 18, 2001

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VIA EXPRESS MAIL EL 896194109 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
Applicant: Frederic Atchley )  
Application No.: Submitted Herewith )  
Filing Date: Submitted Herewith )  
For: EFFLUENT DISTRIBUTION )  
SYSTEM )

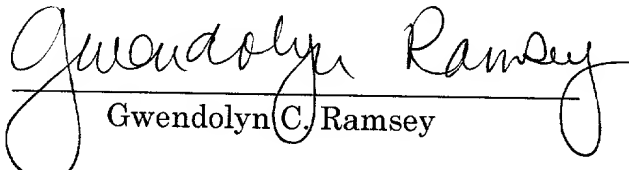
Commissioner of Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

**EXPRESS MAIL # EL 896194109 US**

**Date of Deposit: October 18, 2001**

I hereby certify that the attached Utility Patent Application was deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner of Patents, Box PATENT APPLICATION, Washington, D.C. 20231.

  
Gwendolyn C. Ramsey